

EMBASSAGE.

J. H. Thompson's

No 572.

Profile & Decks

As built.

SUNDERLAND RPT. NO. 31693

RETAIN



© 2020

Lloyd's Register
Foundation

W1130-0066

SCALE: $\frac{1}{8}" = 1 \text{ FT.}$

EMBASSAGE.

Midship Section

As built

Mess^{rs} J. G. Thompsons

No 572.

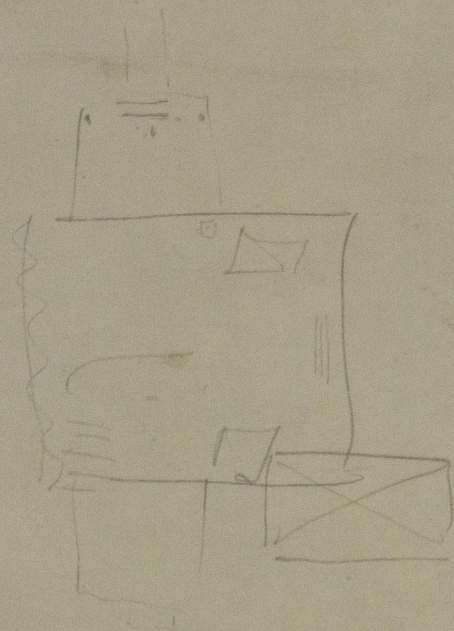
SUNDERLAND RPT. NO. 31693



© 2020

Lloyd's Register
Foundation

W1130-0065



© 2020

Lloyd's Register
Foundation

SCALE $\frac{1}{2}'' = 1$ FOOT.

PRINCIPAL DIMENSIONS.

LENGTH	B.P.	=	400'0"
BREADTH	EX.	=	57'8"
"	MLD.	=	57'4½"
DEPTH	MLD. UPPER DECK.	=	35'3½"
"	" <i>2ND</i>	=	27'0½"
DEPTHS TO LENGTH	UPPER DECK	=	11'33"

NUMERALS.

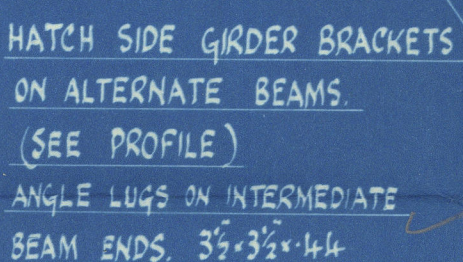
$$L \cdot D = 400(27.02 + 8.0) = 400 \times 35.04 = 14016$$

$$L(B+D) = 400(35.04 + 57.37) = 400 \times 92.41 = 36964$$

EQUIPMENT NUMERALS

400(57.37+35.29)	=	37064
FORECASTLE 30*5=7.5*75	=	173
DECKHOUSE 22.5=7.5*5	=	84
CASING 65.0=7.75*5	=	252

EQUIPMENT NO. 37573



STEM $9\frac{1}{2} \times 2\frac{1}{2}$ ROLLED STEEL BAR

RIVETED C.L. BULK^{HD}
STEEL C.L. BULK^{HD} 30. STIFFS 2 FRAME SPACES APART.
DOUBLE STIFFS, AT HATCH ENDS, BRACKETED TOP & BOTTOM.
(SEE PROFILE.)

- OWNERS EXTRAS TO BE ADDED TO SCANTLINGS.

- 1⊗ TANK TOP UNDER BOILERS $\frac{3}{16}$ " ABOVE RULE THICKNESS.
- 2⊗ FOR A DISTANCE OF 4 FT. AFT OF BOILERS TO STOKEHOLD BULKHEAD, ALL FLOORS, GIRDERS, INTERCOSTALS ETC. $\frac{3}{16}$ " ABOVE RULE THICKNESS.
- 3⊗ TANK MARGIN PLATES, CORNER BARS & FLOOR LUGS IN E & B SPACE, $\frac{3}{16}$ " ABOVE RULE THICKNESS.
- 4⊗ FORE & AFT UPPER DECK PLATING OUTSIDE OF HATCHES "04" ABOVE RULE THICKNESS.

FLOORS EVERY FRAME UNDER ENGINES, BOILER BEARERS, BULKHEADS, & FORWARD
OF 2 1/2" PARTIAL SOLID FLOORS UNDER THRUST BLOCK, ELSEWHERE ON EVERY 3RD
FRAME WITH INTERMEDIATE BRACKET FLOORS. FLOORS 3/8" WITH STIFFENERS,
4x8 B.S. 2 @, TANK TOP 1/2" TO 3/8", 90 DEG. 50 B.S. 1 @ DOUBLE RIVETED,
END LAPS 2 1/2", SINGLE AT ENDS. STIFFENERS ON FLOORS, 3/8"x3/8", 4x8 B.S. 2 @
STIFFENERS ON W.T. FLOORS 5/8"x3/8", 30 @ PART. 2 @
INTERCOSTAL GIRDER LEACH SIDE 3/8", 40 B.S. 50 B.S. 2 @ 3/8"x3/8", 4x8 B.S. TO FLOORS,
3/8"x3/8"x4", 50 B.S. TO TANK TOP & SHELL 2 @ 5/8"x4" TO TANK TOP UNDER ENGINES,
& THRUST BLOCK. ADDITIONAL GIRDER UNDER ENGINES & FORWARD OF 2 1/2" AS PER
SECTION II. 5/8"x4", 52 B.S. SINGLE ANGLE ON FLOORS TO TANK TOP UNDER
ENGINES & BOILER BEARERS, 2 @, 5/8"x3/8" B. UNDER THRUST WITH 3/8"x3/8"x4"
REVERSE BAR. BRACKET
& UNDER HATCHES & OVER BILGES.

TANK TOP CENTRE STRAKE .50 TO .42, .56 B.S. 1 @.
END LAPS TREBLE RIVETED FOR $\frac{1}{2}$ ALTH. DOUBLE AT ENDS

CENTRE GIRDER $4\frac{1}{2} \times 52$ TO 44×60 B.S. 20
END LAPS TREBLE RIVETED.
CENTRE GIRDER TOP BARS $3\frac{1}{2} \times 3\frac{1}{2} \times 46$ TO 42×56 B.S. 20
" " BOTTOM " $4\frac{1}{2} \times 4\frac{1}{2} \times 52$ TO 48×20 ✓

CENTRE GIRDER VERTICALS $3\frac{1}{2} \times 3\frac{1}{2} \times 42$. 52 BS. 20
 $\frac{7}{8}$ RIVETS, 5 DIAS. APART.
 $5 \times 5 \times 42$ UNDER ENGINES & THRUST BLOCK.
 $5 \times 5 \times 52$ " BOILER BEARERS. 20

KEEL 50 1/2" x .76 FOR 3/5 LTH TO .66 AT ENDS.

QUAD. RIV. END LAPS $\frac{1}{2}$ LTH. TREBLE AT ENDS.
1" RIVETS END LAPS FOR $\frac{3}{8}$ LTH. $\frac{1}{8}$ " AT ENDS.
 $\frac{1}{8}$ " RIVETS IN SEAMS & FRAMES.

NORTH EASTERN
MARINE ENG CO LTD
CONT. NO 2822.

MAIN BOILERS.

BUNDERLAND RPT. NO. 31693

S.S. "EMBASSAGE"



© 2020

Lloyd's Register
Foundation

W1130-0067

W1130-0067 1/2

N. E. M. E. CO., LIMITED, SUNDERLAND.

ENCLOSURE

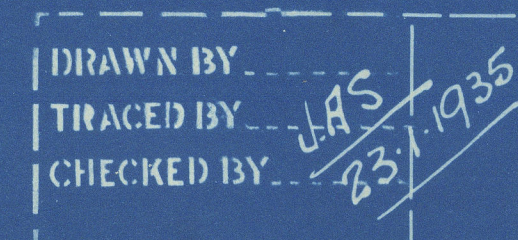
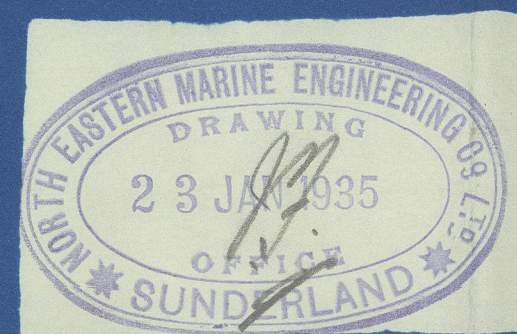
FOR

Messrs.

Lloyd's Register

Foundation

SCALE 1 INCH TO A FOOT. SCHEDULE "L."
WRITTEN DIMENSIONS ONLY TO BE TAKEN.



© 2020
Lloyd's Register
Foundation
W1130-0067 $\frac{3}{2}$

NORTH EAST^N MAR.
ENG CO LTD

Nº 2822.

Aux. BOILER.

BUNDERLAND RPT. NO. 31693

S.S. "EMBASSAGE".

RETAIN

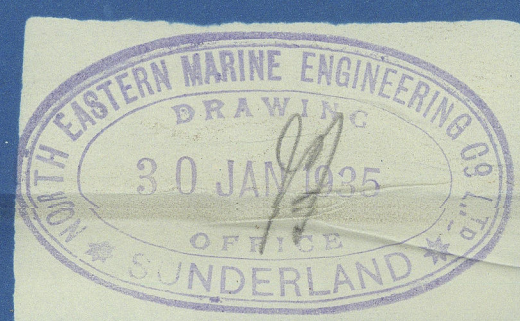


© 2020

Lloyd's Register
Foundation

W1130-0068

SCALE 1 INCH TO A FOOT. SCHEDULE "L".
WRITTEN DIMENSIONS ONLY TO BE TAKEN.



TO PASS LLOYD'S SURVEY.			
SHELL =	29 (36.5-2) 85.82 2.75 x 141 1/8 TS	=	220.3 LBS PER
WORKING PRESSURE.		=	220 " " "
TEST		=	380 " " "
HEATING SURFACE ON TUBES.			985 SQ. FEET
" " OTHER PARTS.			270 " "
" " TOTAL.			1255 " "
EX: FRONT TUBE PLATE.			1235 " "
EFFECTIVE AREA OF STAYS.			
3 1/2" STAY TUBES 3/16" THICK.	9	THREADS PER INCH	2.67 SQ. INCHES
3 1/2" " " 1/8" " "	9	" " " "	2.17 " "
3 1/2" " " 1/4" " "	9	" " " "	1.64 " "
2 3/4" MAIN STAYS.	6	" " " "	4.43 " "
2 1/2" " " "	6	" " " "	4.11 " "
2 1/4" " " "	6	" " " "	3.26 " "
2" SCREWED	9	" " " "	3.09 " "
2" " " "	9	" " " "	2.71 " "
1 3/4" " " "	9	" " " "	2.36 " "
ALL PLATES, RIVETS & STAYS - STEEL.			
TUBES, BEST QUALITY SEAMLESS STEEL.			
HOLES TO BE DRILLED IN PLACE AFTER BENDING.			
TENSILE STRENGTH OF SHELL PLATES. 29 TO 33 TONS			
" " " BUTT STRAP	29	TO 33	" "
" " " GIRDER	28	TO 32	" "
" " " ALL OTHER	26	TO 30	" "
" " " MAIN STAYS	28	TO 32	" "
" " " SCREWED	26	TO 30	" "
SHEAR " " RIVETS	23	TONS	

DRAWN BY _____
TRACED BY JAS
CHECKED BY _____ 30.1.35

DRAWING N°9307.

CONTRACT 2822. LOFF.